

Landing Challenge Checklist

COM	Altitude	Procedure
1	35 k	Announce: Current altitude and speed <i>Disengage RCS mode</i> RCS to OFF
2	28 k	<i>(Lift takes affect)</i> Announce: Current altitude and speed
3	25 k	Advise: Hydraulics / Brake Heater have been activated Announce: Current altitude and speed every 5 km (change to 1 km beginning at 10 km in altitude)
4	3 k	<i>Power Up Landing Gear</i> LANDING GEAR to ARM Announce: Current altitude and speed every 500m
5	2.5 k	GEAR to DOWN Announce: Gear deployed
6	0.5 k (500 m)	SPEED BRAKE to DEPLOY <i>The speed brake is required to help stop the shuttle after landing. Its use at this point may be delayed until touchdown by order of the Mission Commander.</i> Announce: Speed Brake deployed
7	Touchdown	Announce: Touchdown CHUTE to DEPLOY
8		<i>End of Mission</i>